

PNEUMATIC TIRE, PROCESS FOR PRODUCING THE SAME, AND RUBBER COMPOSITION FOR SEALANT

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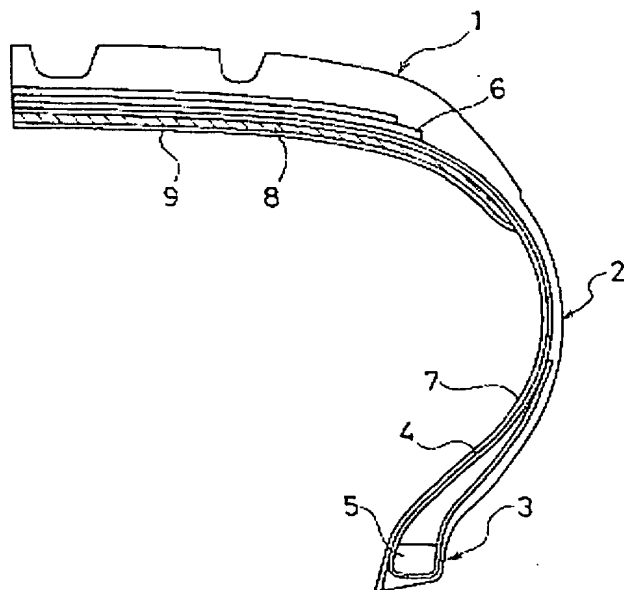
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Abstract of WO03026906

A pneumatic tire in which a sealant layer has been formed based on a decomposition reaction of polyisobutylene and which has an excellent puncture-preventing function while avoiding any inconvenience aroused by the sealant layer formation. The pneumatic tire has a sealant layer in that region of the inner surface of the tire which corresponds at least to the tread. The sealant layer is made of a pressure-sensitive adhesive sealant obtained by heating a rubber composition comprising 100 parts by weight of a rubber ingredient comprising at least 50 wt.% polyisobutadiene and 0.2 to 20 parts by weight of a peroxide. A liquid ethylene/alpha-olefin copolymer, liquid polybutadiene, or liquid polyisoprene is added as a pressure-sensitive adhesive for the sealant layer in an amount of 5 to 50 parts by weight.



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